

Appl. No.: 10/619,535
Amdt. dated January 14, 2005
Reply to Office Action of July 17, 2004

I. AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Original) A connector comprising:
a first connector head having an axis;
a second connector head; and
a connection mechanism coupling the first connector head and the second connector head,
wherein the connection mechanism is adapted to limit the motion of the second connector
head in a first plane substantially coincident with the axis and in a second plane
substantially orthogonal to the axis.
2. (Original) The connector of claim 1, wherein the connection mechanism is further
adapted to retain the second connector head in a specified position in the first plane.
3. (Original) The connector of claim 2, wherein the connection mechanism is further
adapted to retain the second connector head in a second specified position in the second plane.
4. (Original) The connector of claim 1, wherein the first connector head is further adapted to
rotate about the axis.
5. (Original) The connector of claim 1, further comprising a third connector head coupled to
the connection mechanism, the connection mechanism adapted to limit motion of the third
connector head to the first and second planes.

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6. (Currently Amended) ~~The connector of claim 5~~ A connector comprising:
a first connector head having an axis;
a second connector head; and
a connection mechanism coupling the first connector head and the second connector head,
wherein the connection mechanism is adapted to limit the motion of the second
connector head in a first plane substantially coincident with the axis and in a
second plane substantially orthogonal to the axis; and
a third connector head coupled to the connection mechanism, the connection mechanism
adapted to limit motion of the third connector head to the first and second planes,
wherein the second and third connector heads are adapted to move independent of each other.
7. (Original) The connector of claim 5, wherein the second and third connector heads are adapted to move in concert.
8. (Original) The connector of claim 5, wherein the third connector head comprises a device slot.
9. (Original) The connector of claim 8, wherein the device slot comprises a device slot selected from the group consisting of Universal Serial Bus, FireWire, BlueTooth, video, RS232 and memory device slots.
10. (Original) The connector of claim 5, wherein the third connector head comprises an electronic device.

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11. (Original) The connector of claim 10, wherein the electronic device comprises a device selected from the group consisting of Universal Serial Bus, FireWire, BlueTooth, video, RS232 and memory devices.

12. (Original) The connector of claim 11, wherein the second connector head and the electronic device are adapted to move in concert.

13. (Original) The connector of claim 1, wherein the second connector head comprises a cable.

14. (Original) The connector of claim 1, wherein the first connector head is fixedly coupled to an electronic device.

15. (Original) The connector of claim 14, wherein the portable electronic device is selected from the group consisting of personal digital assistant, telephone, camera and personal computer electronic devices.

16. (Original) The connector of claim 14, wherein the electronic device comprises a portable electronic device.

17. (Original) The connector of claim 16, wherein the portable electronic device comprises a personal computer.

18. (Original) The connector of claim 16, wherein the first connector head is fixedly coupled to a corner of the portable electronic device.

19. (Original) The connector of claim 1, wherein the first connector head and the second connector head comprise different connector head styles.

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20. (Original) The connector of claim 5, wherein the first connector head comprises a different connector head style from at least one of the second and third connector heads.

21. (Original) The connector head of claim 5, wherein the connection mechanism is further adapted to comprise means for implementing a hub function between the first connector head and the second and third connector heads.

22. (Original) The connector of claim 1, wherein the first connector head is further adapted to rotate about the axis and the second connector head is fixedly oriented in the second plane substantially orthogonal to the axis.

23. (Original) The connector of claim 22, wherein the second connector head comprises an electronic device.

24. (Original) The connector of claim 23, wherein the electronic device comprises an electronic memory device.

25. (Original) An apparatus comprising:
a functional unit;
a connector head having an axis; and
means for coupling the functional unit and the connector head, wherein the means is adapted to limit the motion of the functional unit in a first plane substantially coincident with the axis and in a second plane substantially orthogonal to the axis.

26. (Original) The apparatus of claim 25, wherein the functional unit comprises an electronic device.

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27. (Original) The apparatus of claim 26, wherein the electronic device comprises an electronic memory device.

28. (Original) The apparatus of claim 25, wherein the means is further adapted to rotate about the axis.

29. (Original) The apparatus of claim 25, further comprising a second connector head wherein the means is further adapted to limit motion of the second connector head to the first and second planes.

30. (Original) The apparatus of claim 29, wherein the functional unit and the second connector head are adapted to move independent of each other.

31. (Original) The apparatus of claim 29, wherein the functional unit and the second connector head are adapted to move in concert.

32. (Original) The apparatus of claim 29, wherein the means is further adapted to rotate about the axis.

33. (Original) The apparatus of claim 29, wherein the connector head and the second connector head comprise the same connector head style.

34. (Currently Amended) A system comprising:
an electronic device having an external surface with an opening defined therein; and
a connector rotatably positioned in the opening and having a first surface substantially flush with the external surface, said connector operatively coupled to the electronic device and adapted to rotate in a plane parallel to the external surface.

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35. (Original) The system of claim 34, wherein the electronic device comprises a personal computer.

36. (Original) The system of claim 35, wherein the personal computer comprises a portable personal computer.

37. (Original) The system of claim 34, wherein the connector comprises a Universal Serial Bus connector.

38. (Original) The system of claim 34, wherein the connector comprises a connector selected from the group consisting of FireWire, BlueTooth, video and RS232 connectors.

39. (New) The connector of claim 1, wherein the connection mechanism comprises:
a hinge coupled to the second connector head, and
a mechanism coupled to the axis of the first connector head for rotation of the first connector head about the axis.

40. (New) The connector of claim 39, wherein the first connector head comprises a male or female connector, and wherein the second connector head comprises an antenna.

41. (New) The connector of claim 1, wherein the connection mechanism comprises a universal joint.

42. (New) The connector of claim 41, wherein each of the first and second connector heads comprise a male or female connector.

43. (New) The connector of claim 41, wherein the first connector head comprises a male or female connector, and wherein the second connector head comprises a cable.

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44. (New) The connector of claim 6, wherein the connection mechanism is further adapted to retain the second connector head in a specified position in the first plane and further adapted to retain the second connector head in another specified position in the second plane.

45. (New) The connector of claim 44, wherein the connection mechanism is further adapted to retain the third connector head in a specified position in the first plane and further adapted to retain the third connector head in another specified position in the second plane.

46. (New) The connector of claim 6, wherein at least one of the connector heads comprises a device slot selected from the group consisting of Universal Serial Bus, FireWire, BlueTooth, video, RS232 and memory device slots.

47. (New) The connector of claim 6, wherein at least one of the connector heads comprises an electronic device selected from the group consisting of Universal Serial Bus, FireWire, BlueTooth, video, RS232 and memory devices.

48. (New) The connector of claim 6, wherein at least one of the connector heads comprises a cable.

49. (New) The connector of claim 6, wherein the first connector head is fixedly coupled to an electronic device selected from the group consisting of personal digital assistant, telephone, camera and personal computer electronic devices.

50. (New) The connector of claim 6, wherein the first connector head comprises a different connector head style from at least one of the second and third connector heads.

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51. (New) The connector head of claim 6, wherein the connection mechanism is further adapted to comprise means for implementing a hub function between the first connector head and the second and third connector heads.